

Fig. 1

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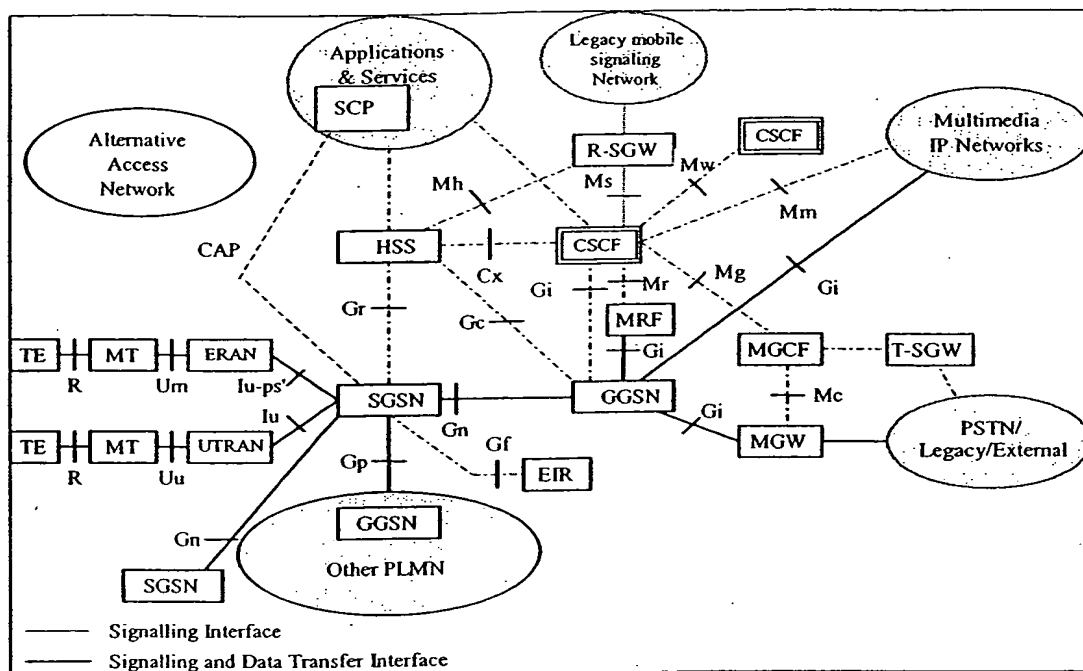


Fig. 2

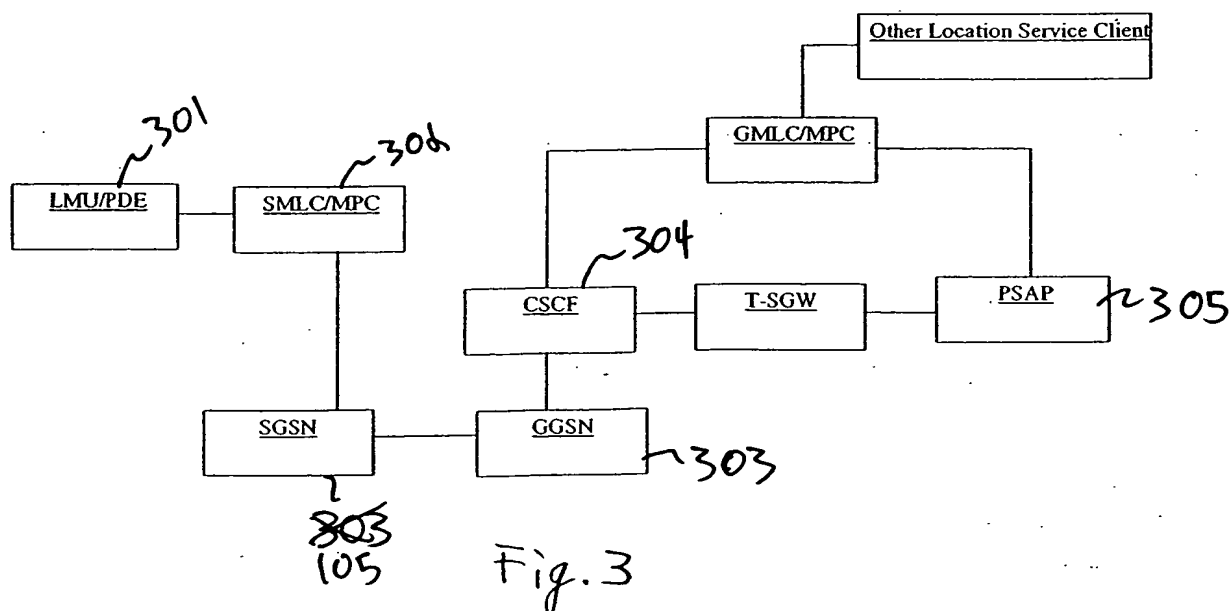


Fig. 3

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sequenceDiagram
    participant UE
    participant BSS_RAN as BSS/RAN
    participant SGSN
    participant GGSN
    participant CSCF

    UE->>SGSN: 1. Activate PDP Context Request
    SGSN->>GGSN: 2. Create PDP Context Request
    GGSN->>SGSN: 3. Create PDP Context Response
    SGSN->>UE: 4. Activate PDP Context Accept
    BSS_RAN->>CSCF: 5. CALL SETUP
  
```

Fig. 4

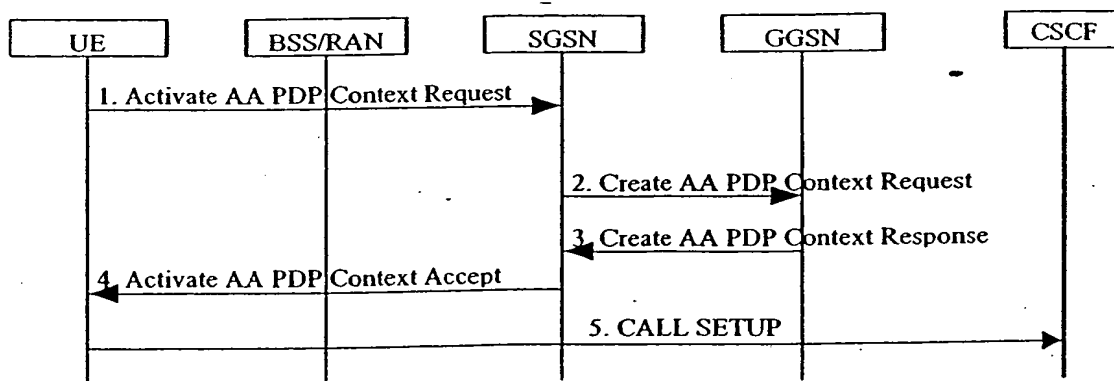
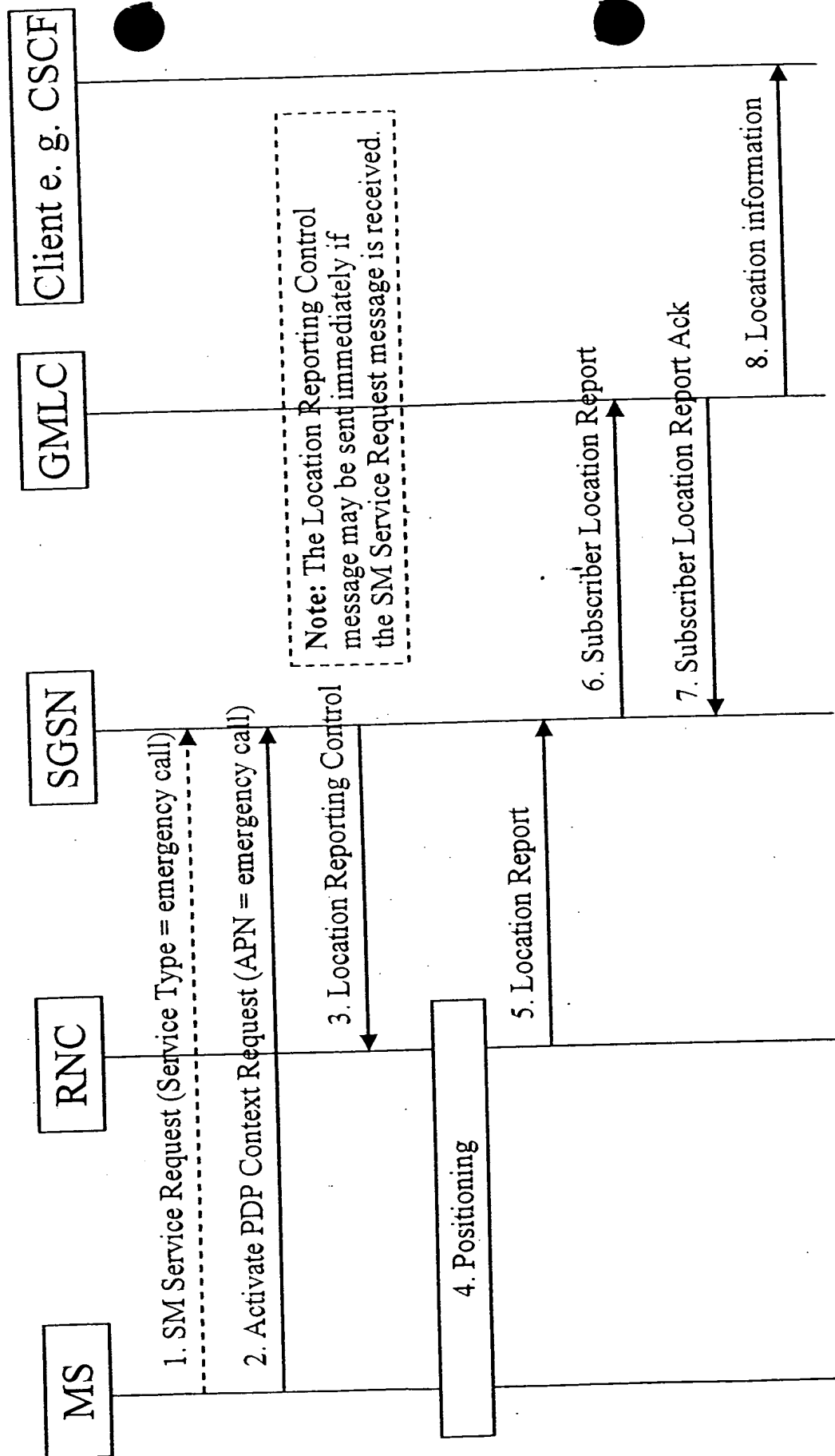


Fig. 5



6
14

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sequenceDiagram
    participant UE
    participant RAN
    participant SGSN
    participant GGSN
    participant GMLC
    participant CSCF
    participant EC

    UE->>RAN: 1. Activate PDP Context Request
    RAN->>SGSN: 2. Location Reporting Control
    RAN->>SGSN: 3. Location Report (Service Area ID)
    SGSN->>GGSN: 4. Create PDP Context Request
    Note over RAN: Results from 4' are not received before 5
    SGSN->>RAN: 5. Create PDP Context Response (CSCF_Address)
    RAN->>UE: 6. Activate PDP Context Accept (Service Area ID, PSDI, CSCF_Address)
    RAN->>SGSN: 6'. Location Report (Location Estimate)
    SGSN->>GMLC: 7'. Subscriber Location Report (Target UE ID, PSDI)
    GMLC->>CSCF: 7. Invite (Service Area ID, Target UE ID, ESRK)
    CSCF->>EC: 8. Select EC
    EC->>CSCF: 9. Setup (ESRK)
    CSCF->>GMLC: 10. LCS Service Request (initial location)
    GMLC->>CSCF: 11. LCS Service Response (Location Estimate)
    CSCF->>GMLC: 12. LCS Service Request (current location)
    GMLC->>CSCF: 14. LCS Service Response (Location Estimate)
    GMLC->>RAN: 13. Normal MT-LR procedure
  
```

Fig. 7

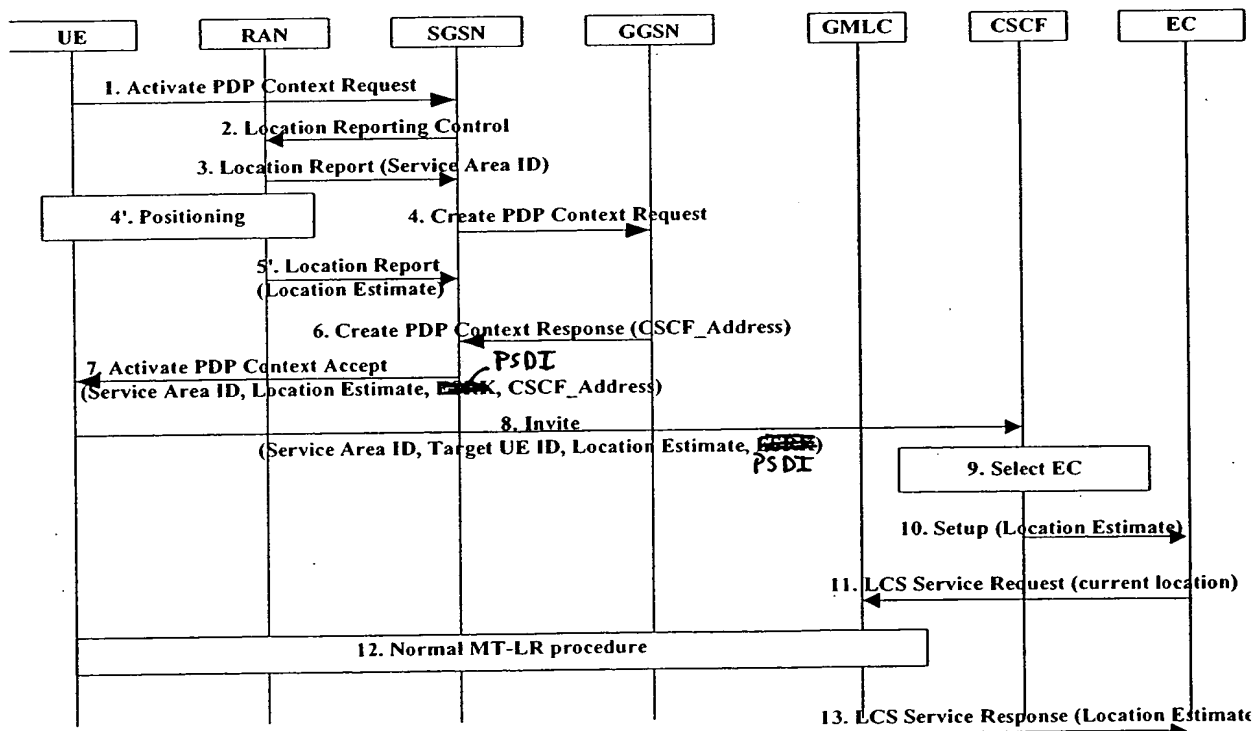


Fig - 8

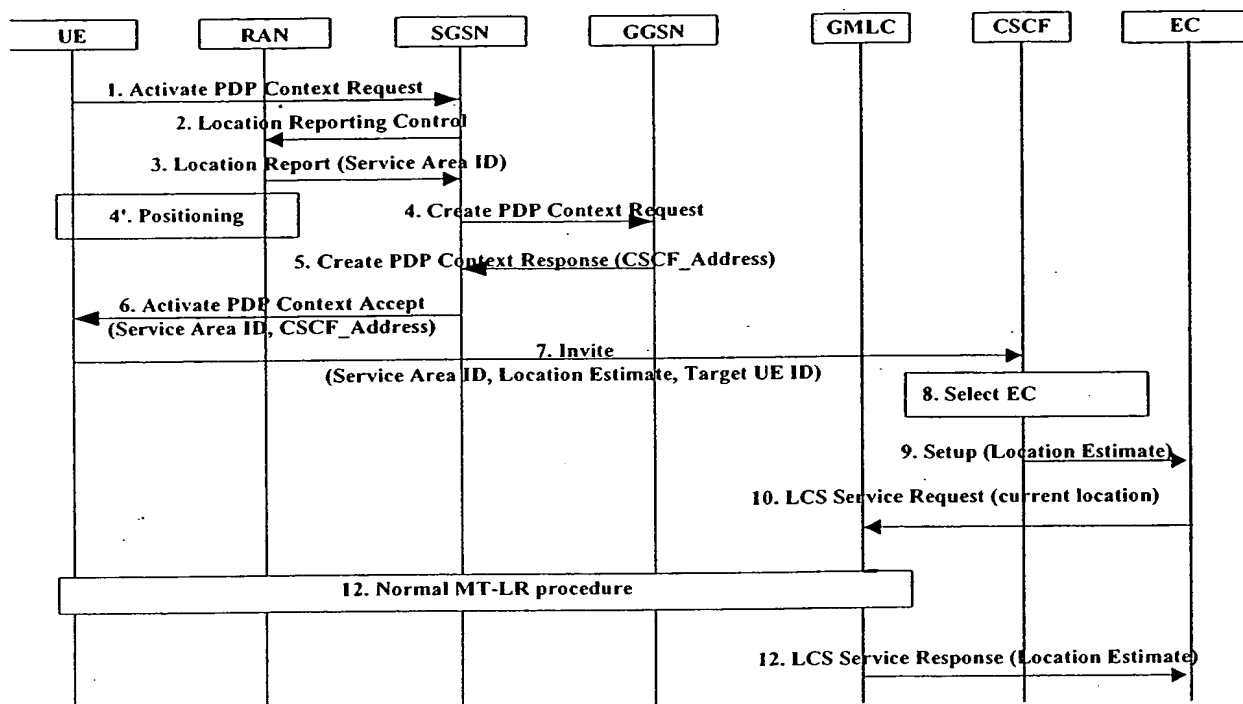
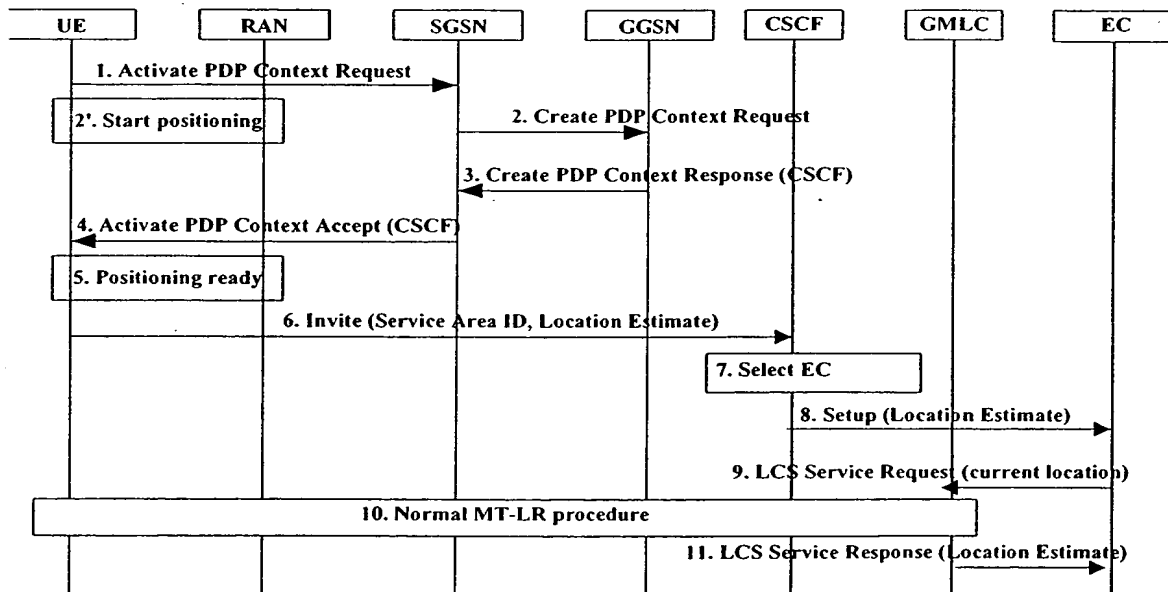
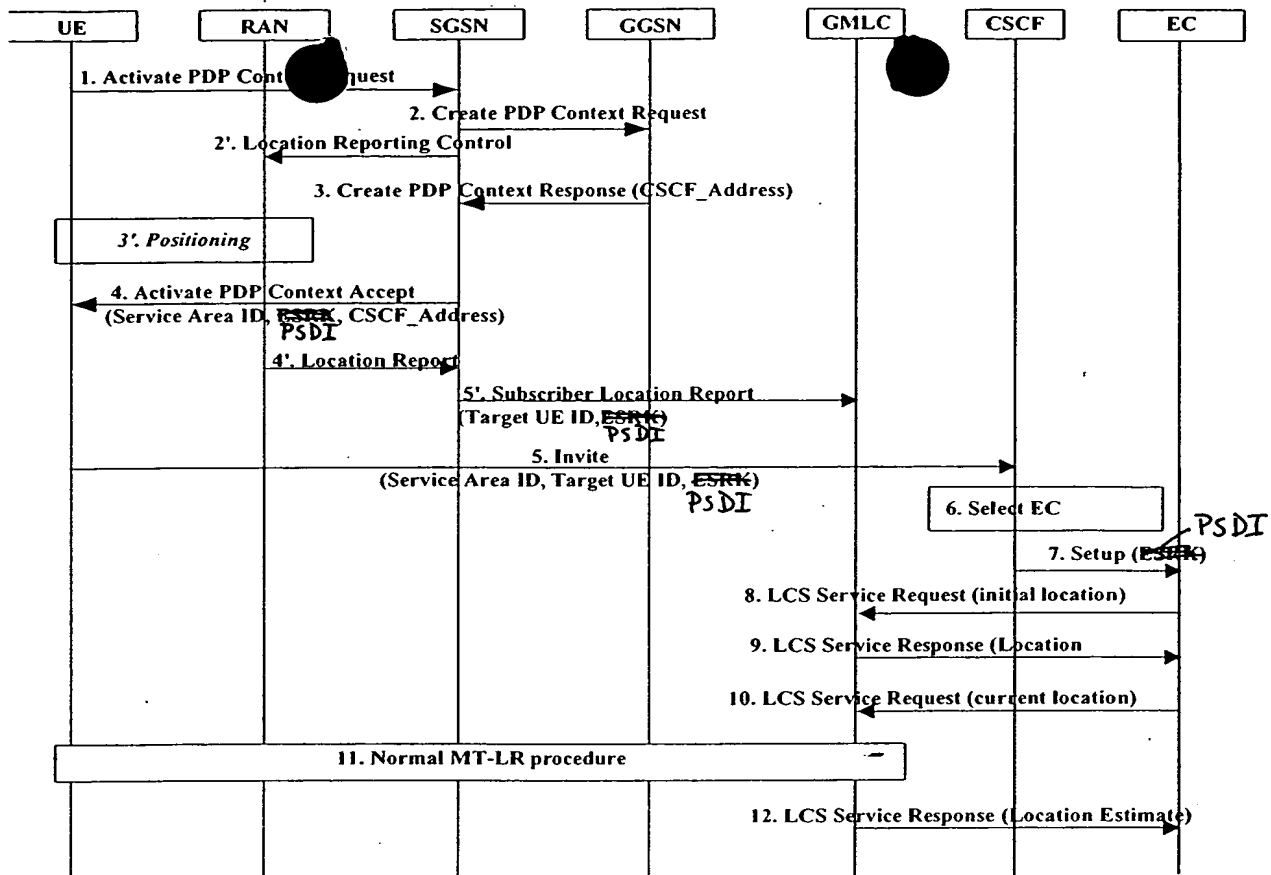


Fig. 9



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